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## Amendments to the Claims:

17. (Currently amended) A surface acoustic wave (SAW) device sealed at the wafer level, the device comprising:

an active area to be protected;

electrical contact areas of transducer structures; and

a lithographically-formed structure hermetically sealing at least the active area, and leaving at least a portion of the electrical contact areas exposed, and forming a sealed pocket above the active area filled with a target gas.

wherein the lithographically-formed structure comprises a seal coating which comprises a self-supporting structure adjoining the electrical contact areas of the transducer structures.

- 18. (original) The device of claim 17, wherein the lithographically-formed structure comprises a glassy material.
- 19. (original) The device of claim 17, wherein the SAW device is fabricated on a substrate from a group of substrates consisting of lithium tantalate, lithium niobate, and quartz.
- 20. (Currently amended) A lithographically-fabricated surface acoustic wave (SAW) device, the SAW device comprising:

means for carrying a surface acoustic wave;

transducer structures coupled to the means for carrying; and

a wafer-level means for hermetically sealing the means for carrying the surface acoustic wave.

wherein said wafer-level means for hermetically sealing comprises a seal coating which comprises a self-supporting structure abutting electrical contact areas of the transducer structures, and wherein the seal coating induces a strain in a substrate on which the SAW device is fabricated.

- 21. (previously presented) The SAW device of claim 20, wherein the means for carrying the surface acoustic wave comprises a transducer structure.
- 22. (previously presented) The SAW device of claim 21, wherein the transducer structure comprises aluminum pattered into interdigitated electrode fingers.
- 23. (previously presented)The SAW device of claim 20, wherein the wafer-level means for sealing comprises a lithographically-formed structure sealing at least the means for carrying.
- 24. (previously amended) The SAW device of claim 23, wherein the wafer-level means for sealing leaves exposed at least a portion of the electrical contact areas.
- 25. (previously presented) The device of claim 17, wherein the lithographically-formed structure comprises a material of a thickness so as to be impermeable to undesired contaminants.

- 26. (previously presented) The device of claim 17, wherein the lithographically-formed structure comprises silicon dioxide.
- 27. (previously presented) The device of claim 17, wherein the lithographically-formed structure comprises silicon nitride.
- 28. (previously presented) The device of claim 17, wherein the lithographically-formed structure comprises a metal.
- 29. (previously presented) The device of claim 18, wherein the glassy material comprises a spin-on-glass.
- 30. (previously presented) The device of claim 18, wherein the glassy material comprises a sputtered glass.
- 31. (previously presented) The device of claim 17, wherein the SAW device is fabricated on a lithium tantalate substrate.
- 32. (previously presented) The device of claim 17, wherein the SAW device is fabricated on a lithium niobate substrate.
- 33. (previously presented) The device of claim 17, wherein the SAW device is fabricated on a quartz substrate.

- 34. (New) The device of claim 17, wherein the seal coating induces a strain in a substrate on which the SAW device is fabricated to compensate for thermal expansion of the substrate.
- 35. (New) The device of claim 20, wherein the wafer-level means for hermetically sealing forms a sealed pocket above the means for carrying the surface acoustic wave, which is filled with a target gas.
- 36. (New) A surface acoustic wave (SAW) device sealed at the wafer level, the device comprising:

an active area to be protected;

electrical contact areas of transducer structures; and

a lithographically-formed structure hermetically sealing at least the active area and leaving at least a portion of the electrical contact areas exposed,

wherein the lithographically-formed structure comprises a scal coating which induces a strain in a substrate on which the SAW device is fabricated to compensates for thermal expansion of the substrate.